National Library of Medicine

ABRIDGED INDEX MEDICUS

Volume 22, Number 6
June 1991

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
National Institutes of Health

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GPO Subscription Code: *ABIM*

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LIST OF JOURNALS INDEXED IN INDEX MEDICUS, 1991: An annual listing of approximately 3,000 journals indexed in *Index Medicus*. Contains four sections: abbreviation, full title, subject, and geographical. (Included with subscription to *Index Medicus*.) Price for individual copies: $12 ($15.00 foreign).

GPO Code: *IM91* **(List of Journals Indexed in Index Medicus)**

MEDICAL SUBJECT HEADINGS, 1991--Supplement to *Index Medicus*: An alphabetical and categorized list of all of the subject descriptors used to analyze the biomedical literature in the NLM. (See also MeSH tools available from NTIS, page xvii.) Subscribers to *Index Medicus* receive this publication as Part 2 of the January issue, also available separately for $37 ($46.25 foreign).

GPO Code: *IM91* **(Medical Subject Headings)**

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NLM CATALOG, 1984 edition (microfiche only): This century's first comprehensive compilation of information about virtually all of the catalogued items in the Library's collection. Derived from CATLINE®, the *NLM Catalog* is a name, title and subject listing of citations to approximately 585,000 printed monographs, serials, and audiovisual serials with imprint years of 1984 and earlier. Total fiche (48x) 796. Price: $65 ($81.25 foreign) S/N 017-052-00256-2.

HEALTH SCIENCES SERIALS, 1991 (quarterly): Available in microfiche only. Each issue contains information on some 41,500 serials in NLM's SERLINE® database; many records include locator information for 120 libraries in the U.S. Annual subscription: $15 ($18.75 foreign); single issues $4.25 ($5.31 foreign).

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NATIONAL LIBRARY OF MEDICINE CLASSIFICATION, 4TH EDITION, 1978, REVISED 1981: An authoritative guide to organizing materials in health science collections. The *NLM Classification* covers the field of medicine and related sciences using schedules Qs-Qz and W. These schedules are permanently excluded from the Library of Congress Classification although LC's various schedules supplement the *NLM Classification* for subjects bordering on medicine and for general reference material. Price (reprint edition): $21 (26.25 foreign) S/N 017-052-00281-3.

NLM AUDIOVISUALS CATALOG, 1991 (quarterly): Contains subject, name/title, and procurement sections for audiovisual instructional materials cataloged by NLM. Subscriptions include 3 quarterlies plus annual cumulation (issued in lieu of 4th quarterly). Price: $27 ($33.75 foreign).

GPO Subscription Code: *MAC91*

NLM AUDIOVISUALS CATALOG, 1990 ANNUAL CUMULATION: Issued as part of the *NLM Audiovisual Catalog* (quarterly). This casebound annual cumulation is also available separately. NOTE: When ordering include words "4th quarterly, 1990", S/N 017-052-00288-1. Price: $27($33.75 foreign). Information on earlier editions can be obtained by contacting NLM's Public Information Office, Phone:301-496-6308.

BIBLIOGRAPHY OF THE HISTORY OF MEDICINE: A bibliographic listing of citations dealing with the history of medicine and its related sciences and professions. No. 25, 1985-1989: $25 ($31.25 foreign) S/N 017-052-00290-2; No. 24, 1988: $14 ($17.50 foreign) S/N 017-052-00282-1. Information on earlier editions can be obtained by contacting NLM's Public Information Office, Phone: 301-496-6308.

A CATALOG OF SEVENTEENTH CENTURY PRINTED BOOKS IN THE NATIONAL LIBRARY OF MEDICINE (1989): Casebound, 1315 pages. Lists of 13,300 books printed from 1601-1700 held by the NLM. Price: $45 ($56.25 foreign) S/N 017-052-00255-4.

A SHORT TITLE CATALOGUE OF EIGHTEENTH CENTURY BOOKS PRINTED IN THE NATIONAL LIBRARY OF MEDICINE (1979): Casebound, 501 pages. List approximately 25,000 items printed from 1701-1800 which are held in the History of Medicine Division collection of the NLM. Price: $13 ($16.25 foreign), S/N 017-052-00198-1.

A HISTORY OF THE NATIONAL LIBRARY OF MEDICINE: THE NATION'S TREASURY OF MEDICAL KNOWLEDGE, by Wyndham D. Miles, Ph.D. (1982). A comprehensive, illustrated history of NLM from its beginnings in the early 19th century through its development as an international biomedical information center. Casebound, 531 pages. Price: $14 ($17.50 foreign), S/N017-052-00224-4.

ISSN: 0001-3331

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U.S. DEPARTMENT OF HEALTH
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NIH Publication No. 91-251

National Library of Medicine Cataloging in Publication

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1
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Abridged Index medicus / National Library of Medicine [and] Medical Library Association, cosponsor. -- Vol. 1, no. 1 (Jan. 1970)- . -- [Bethesda, Md.] : The Library ; Washington : Supt. of Docs., U.S. G.P.O. [distributor], 1969-
v.
Vol. 1, no. 1 preceded by Pilot issue dated Aug. 1969.
Issues for v. 8, no. 6-7, June-July 1977 have identical contents covering June citations only. A combined issue including the July and Aug. citations was issued Aug. 1977 and called v. 8, no. 7/8 (July/Aug. 1977).
Vols. for Apr. 1972-Apr. 1979 issued as DHEW publication no. (NIH) 72-251, etc; for May 1979- as NIH publication ; no. 79-251, etc.
ISSN 0001-3331 = Abridged Index medicus.

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Abridged Index Medicus is sold by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. One year's subscription includes twelve monthly issues. Price: $50.00 per year; $62.50 foreign. Single copies: $11.00; $13.75 foreign. Airmail rates (foreign only) furnished on request to the Mail List Section, Superintendent of Documents. All other communications regarding subscription should be addressed to the Superintendent of Documents.

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INTRODUCTION TO ABRIDGED INDEX MEDICUS

The *Abridged Index Medicus (AIM)* is designed to afford rapid access to selected biomedical journal literature of immediate interest to the practicing physician.

Each issue contains citations from 119 English-language journals, representing a subset of one month's input into the National Library of Medicine's computer-based MEDLARS® (Medical Literature Analysis and Retrieval System). In the selection of materials for indexing, the National Library of Medicine (NLM) is advised by a chartered committee of distinguished physicians, medical editors, and medical librarians. This group, the Literature Selection Technical Review Committee (LSTRC), meets several times a year to review new titles, and periodically to re-examine current titles. Consideration was given to the quality of the journals, usefulness of journal content for the medical practitioner, and the need for providing coverage of all fields of clinical medicine. In some fields, where there are more high-quality journals than could be included in the bibliography, consideration was given to the availability of the journals to the American practitioner. In limiting the size of *AIM* it was necessary to omit many excellent publications. The list of journals indexed will be reviewed periodically and is subject to change. On those occasions when a physician's interests require a scanning of the literature that is not contained in AIM, he may turn to the full *Index Medicus*® and to numerous other bibliographic sources.

Journal issues do not arrive at the National Library of Medicine with perfect regularity, nor is it possible to maintain a precise schedule for indexing. Therefore, a given month's *AIM* may contain citations to articles from more than one issue of a monthly journal, or a journal may not be covered in a given issue of *AIM*.

USING ABRIDGED INDEX MEDICUS

Subject Headings

Input to MEDLARS® begins with the indexing of journal articles. The content of each article is analyzed and described by a group of terms (subject headings) selected from *Medical Subject Headings (MeSH®)*, the National Library of Medicine's authority list of technical terms. The bibliographic citations in *Abridged Index Medicus* appear under those subject headings. An acquaintance with *MeSH* will help the user of *AIM* determine which specific headings to consult.

When articles are indexed, the most specific term available in *MeSH* is used. Thus, if an article is concerned with erythromycin, it would be indexed under that term, rather than the broader ANTIBIOTICS. Under the latter term, one would find only: (a) articles dealing with antibiotics generally, (b) those that deal in a very general way with a large number of named antibiotics, or (c) those that deal with specific antibiotics which have not been separately listed in *MeSH*.

The physician who is interested in one concept may find that the broader term is also worth examining for articles of possible interest. Although one may be interested primarily in antifungal antibiotics, articles on the general subject of antifungal agents may also be useful.

The physician who wants articles on some aspect of the use of antibiotics in pediatric practice would certainly want not only general articles that would appear under ANTIBIOTICS, but also those concerned with specific antibiotics.

Monthly issues of *Abridged Index Medicus* are arranged in two sections: Subject Section and Author Section.

Subject Section

Each article cited in *AIM* will be found under several subject headings which represent the central concept of the articles. The citation appears in full under each subject heading. Each citation contains the following elements, in order: title of article; first author; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> Hemophilia A: carrier detection and prenatal diagnosis by DNA analysis. Pecorara M, et al. **Blood** 1987 Aug;70(2):531-5

The above citation appears under four subject headings:

> DNA
> HEMOPHILIA
> HETEROZYGOTE DETECTION
> PRENATAL DIAGNOSIS

In the citations, under each of the subject headings, only the first author's name appears. For names of other authors, refer to the Author section.

Journal titles are abbreviated; the full title may be found by reference to the abbreviation listing on the next page.

Author Section

References in the Author Section cite authors' names; title of article; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> **Mahir MS, Hynd JW, Flute PT, Dormandy JA.** Effect of defibrinogenation on the early patency rate of experimental small calibre arterial grafts. Br J Surg 1987 Jun;74(6):508-10

An Author Section citation may provide the names of as many as ten authors of an article. If an article has eleven or more authors, this is indicated by "et al" after the tenth author's name. The complete citation is printed only under the first author's name; the second through the tenth authors' names are cross-referenced to the full citation under the first author's name, thus:

> **Kersey, JH, Weisdorf D, Nesbit ME, LeBien TW, Woods WG, McGlave PB, Kim T, Vallera DA, Goldman AI, Bostrom B, et al.** Comparison of autologous and allogeneic bone marrow transplantation for treatment of high-risk refractory acute lymphoblastic leukemia. N Engl J Med 1987 Aug 20;317(8):461-7

> **Bostrom B** see **Kersey JH**
> **Goldman AI** see **Kersey JH**
> **Kim T** see **Kersey JH**
> **LeBien TW** see **Kersey JH**
> **McGlave PB** see **Kersey JH**
> **Nesbit ME** see **Kersey JH**
> **Vallera DA** see **Kersey JH**
> **Woods WG AI** see **Kersey JH**

Users of Abridged Index Medicus are invited to send comments and suggestions to:

Donald A.B. Lindberg, M.D.
Editor-in-Chief, *Index Medicus*
National Library of Medicine
Bethesda, Maryland 20894

LIST OF JOURNALS INDEXED

A

ACADEMIC MEDICINE (PHILADELPHIA PA)
Acad Med

AJR. AMERICAN JOURNAL OF ROENTGENOLOGY (BALTIMORE MD)
AJR Am J Roentgenol

AMERICAN FAMILY PHYSICIAN (KANSAS CITY MO)
Am Fam Physician

AMERICAN HEART JOURNAL (ST. LOUIS MO)
Am Heart J

AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK NY)
Am J Cardiol

AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)
Am J Clin Nutr

AMERICAN JOURNAL OF CLINICAL PATHOLOGY (PHILADELPHIA PA)
Am J Clin Pathol

AMERICAN JOURNAL OF DISEASES OF CHILDREN (CHICAGO IL)
Am J Dis Child

AMERICAN JOURNAL OF THE MEDICAL SCIENCES (HAGERSTOWN MD)
Am J Med Sci

AMERICAN JOURNAL OF MEDICINE (NEWTON MA)
Am J Med

AMERICAN JOURNAL OF NURSING (NEW YORK NY)
Am J Nurs

AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST. LOUIS MO)
Am J Obstet Gynecol

AMERICAN JOURNAL OF OPHTHALMOLOGY (CHICAGO IL)
Am J Ophthalmol

AMERICAN JOURNAL OF PATHOLOGY (PHILADELPHIA PA)
Am J Pathol

AMERICAN JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION (BALTIMORE MD)
Am J Phys Med Rehabil

AMERICAN JOURNAL OF PSYCHIATRY (WASHINGTON DC)
Am J Psychiatry

AMERICAN JOURNAL OF PUBLIC HEALTH (WASHINGTON DC)
Am J Public Health

AMERICAN JOURNAL OF SURGERY (NEWTON MA)
Am J Surg

AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE (LAWRENCE KS)
Am J Trop Med Hyg

AMERICAN REVIEW OF RESPIRATORY DISEASE (NEW YORK NY)
Am Rev Respir Dis

ANAESTHESIA (LONDON)
Anaesthesia

ANESTHESIA AND ANALGESIA (NEW YORK NY)
Anesth Analg

ANESTHESIOLOGY (PHILADELPHIA PA)
Anesthesiology

ANNALS OF EMERGENCY MEDICINE (DALLAS TX)
Ann Emerg Med

ANNALS OF INTERNAL MEDICINE (PHILADELPHIA PA)
Ann Intern Med

ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY (ST. LOUIS MO)
Ann Otol Rhinol Laryngol

ANNALS OF SURGERY (PHILADELPHIA PA)
Ann Surg

ANNALS OF THORACIC SURGERY (NEW YORK NY)
Ann Thorac Surg

ARCHIVES OF DERMATOLOGY (CHICAGO IL)
Arch Dermatol

ARCHIVES OF DISEASE IN CHILDHOOD (LONDON)
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ARCHIVES OF ENVIRONMENTAL HEALTH (WASHINGTON DC)
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Arch Neurol

ARCHIVES OF OPHTHALMOLOGY (CHICAGO IL)
Arch Ophthalmol

ARCHIVES OF OTOLARYNGOLOGY -- HEAD AND NECK SURGERY (CHICAGO IL)
Arch Otolaryngol Head Neck Surg

ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE (CHICAGO IL)
Arch Pathol Lab Med

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (CHICAGO IL)
Arch Phys Med Rehabil

ARCHIVES OF SURGERY (CHICAGO IL)
Arch Surg

ARTHRITIS AND RHEUMATISM (HAGERSTOWN MD)
Arthritis Rheum

B

BLOOD (DULUTH MN)
Blood

BMJ (LONDON)
BMJ

BRAIN (OXFORD)
Brain

BRITISH HEART JOURNAL (LONDON)
Br Heart J

BRITISH JOURNAL OF OBSTETRICS AND GYNAECOLOGY (OXFORD)
Br J Obstet Gynaecol

BRITISH JOURNAL OF RADIOLOGY (LONDON)
Br J Radiol

BRITISH JOURNAL OF RHEUMATOLOGY (LONDON)
Br J Rheumatol

BRITISH JOURNAL OF SURGERY (GUILDFORD)
Br J Surg

C

CA: A CANCER JOURNAL FOR CLINICIANS (NEW YORK NY)
CA

CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)
Can Med Assoc J

CANCER (PHILADELPHIA PA)
Cancer

CHEST (PARK RIDGE IL)
Chest

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Circulation

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D

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Dig Dis Sci

DISEASE-A-MONTH (CHICAGO IL)
Dis Mon

E

ENDOCRINOLOGY (BALTIMORE MD)
Endocrinology

G

GASTROENTEROLOGY (PHILADELPHIA PA)
Gastroenterology

GERIATRICS (MIDDLEBURG OH)
Geriatrics

GUT (LONDON)
Gut

H

HEART AND LUNG (ST. LOUIS MO)
Heart Lung

HOSPITAL PRACTICE (OFFICE EDITION) (NEW YORK NY)
Hosp Pract [Off]

HOSPITALS (CHICAGO IL)
Hospitals

J

JAMA (CHICAGO IL)
JAMA

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY (ST. LOUIS MO)
J Allergy Clin Immunol

JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY (NEW YORK NY)
J Am Coll Cardiol

JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION (CHICAGO IL)
J Am Diet Assoc

JOURNAL OF BONE AND JOINT SURGERY. AMERICAN VOLUME (BOSTON MA)
J Bone Joint Surg [Am]

JOURNAL OF BONE AND JOINT SURGERY. BRITISH VOLUME (LONDON)
J Bone Joint Surg [Br]

JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM (BALTIMORE MD)
J Clin Endocrinol Metab

JOURNAL OF CLINICAL INVESTIGATION (NEW YORK NY)
J Clin Invest

JOURNAL OF CLINICAL PATHOLOGY (LONDON)
J Clin Pathol

JOURNAL OF FAMILY PRACTICE (EAST NORWALK CT)
J Fam Pract

JOURNAL OF GERONTOLOGY (WASHINGTON DC)
J Gerontol

JOURNAL OF IMMUNOLOGY (BALTIMORE MD)
J Immunol

JOURNAL OF INFECTIOUS DISEASES (CHICAGO IL)
J Infect Dis

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J Lab Clin Med

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J Laryngol Otol

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J Nerv Ment Dis

JOURNAL OF NEUROSURGERY (BALTIMORE MD)
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JOURNAL OF NURSING ADMINISTRATION (WAKEFIELD MA)
J Nurs Adm

JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY (PHILADELPHIA PA)
J Oral Maxillofac Surg

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J Pediatr

JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY (ST. LOUIS MO)
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J Trauma

JOURNAL OF UROLOGY (BALTIMORE MD)
J Urol

L

LANCET (LONDON)
Lancet

M

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Med Clin North Am

MEDICAL LETTER ON DRUGS AND THERAPEUTICS (NEW ROCHELLE NY)
Med Lett Drugs Ther

MEDICINE (BALTIMORE MD)
Medicine (Baltimore)

N

NEUROLOGY (CLEVELAND OH)
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N Engl J Med

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Nurs Clin North Am

NURSING OUTLOOK (NEW YORK NY)
Nurs Outlook

NURSING RESEARCH (NEW YORK NY)
Nurs Res

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OBSTETRICS AND GYNECOLOGY (NEW YORK NY)
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P

PEDIATRIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
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Urol Clin North Am

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West J Med

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The Reference Section of the National Library of Medicine produces two bibliographic series of publications which result primarily from a search of the literature contained in a variety of online databases. NLM databases utilized include MEDLINE®, AIDSLINE®, BIOETHICSLINE®, CATLINE®, HEALTH PLANNING AND ADMINISTRATION, and TOXLINE®, among others. AIDS Bibliography (AIDS) and Current Bibliographies in Medicine (CBM) are both subscription items available from the U.S. Government Printing Office (GPO).

AIDS Bibliography (*AID91*)

AIDS Bibliography (1991) is a monthly listing of recent references to journal articles, books, and audiovisual materials. AIDS is available on either a subscription $59 ($73.75foreign) or an individual title $5 ($6.25 foreign) basis from the *Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402-9322. GPO Phone Orders: 202-783-3238.*

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Each bibliography in the *Current Bibliographies in Medicine* (1991) series covers a distinct subject area of interest to biomedicine and is intended to fulfill a current awareness function. Approximately 20 bibliographies are produced per year. Included as part of this series are all bibliographies prepared in support of National Institutes of Health Consensus Development Conferences (indicated by an *asterisk* on the list below). CBM is available on either a subscription $52 ($65 foreign) or an individual title $3 ($3.75 foreign) basis from the *Superintendent of Documents, U.S. Government Printing Office, Washington, D.C.* 20402-9322. *GPO Phone Orders: 202-783-3238.*

CBM No.	Title
91-4	Medical waste disposal. January 1986 through January 1991. 629 citations. [S/N 817-007-00004-0]
91-3	Nutrition and AIDS. January 1986 through April 1991. 668 citations. [S/N 817-007-00003-1]
91-2	Therapy-related second cancers. January 1986 through March 1991. 880 citations. [S/N 817-007-00002-3]
91-1	Laboratory animal welfare. January 1990 through December 1990. 89 citations. [S/N 817-007-00001-5]
90-19	Human-pet relationships. January 1983 through December 1990. 385 citations. [S/N 817-006-00019-1]
90-18*	Gastrointestinal surgery for severe obesity. January 1986 through December 1990. 548 citations. [S/N 817-006-00018-0]
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90-15	Patient education for self-care: the role of nurses. January 1983 through November 1990. 468 citations. [S/N 817-006-00015-9]
90-14	Adverse effects of aspartame. January 1986 through December 1990. 167 citations. [S/N 817-006-00014-1]
90-13*	Bovine somatotropin. January 1985 through October 1990. 1097 citations. [S/N 817-006-00013-2]
90-12	Prison health care. January 1986 through September 1990. 1132 citations. [S/N 817-006-00012-4]
90-11*	Diagnosis and management of asymptomatic primary hyperparathyroidism. January 1986 through September 1990. 1057 citations. [S/N 817-006-00011-6]
90-10*	Clinical use of botulinum toxin. January 1987 through September 1990. 318 citations. [S/N 817-006-00010-8]
90-9	Alzheimer's disease and the family. January 1986 through July 1990. 343 citations. [S/N 817-006-00009-4]
90-8	Fish oils. January 1989 through July 1990. 653 citations. [S/N 817-006-00008-6]
90-7	Cocaine, pregnancy and the newborn. January 1988 through March 1990. 468 citations. [S/N 817-006-00007-8]
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90-5	Laboratory animal welfare. December 1988 through December 1989. 86 citations. [S/N 817-006-00005-1]
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89-20	Medication and the elderly. part 2: specific diseases January 1985 through December 1989. 867 citations. [S/N 817-005-00020-9]
89-19	Medication and the elderly. part I: treatment issues. January 1985 through December 1989. 1017 citations. [S/N 817-005-00019-5]
89-18	Growth hormones and short stature. January 1983 through September 1989. 470 citations. [S/N 817-005-00018-7]
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89-10	Anthropometric measures of malnutrition in children. October 1955 through March 1989. 529 citations. [S/N 817-005-00010-1]
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89-4*	Oral complications of cancer therapies. January 1980 through February 1989. 288 citations. [S/N 817-005-00004-7]
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